

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Mridula Nair, et al

POLYESTER
NANOCOMPOSITES

Serial No.

Filed

Commissioner for Patents
Washington, D.C. 20231

Group Art Unit:

Examiner:

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November 13, 2001

Date

Sir:

INFORMATION DISCLOSURE STATEMENT FOR CONSIDERATION
BY THE OFFICE UNDER 37 C.F.R. 1.97-1.99

Enclosed herewith are patents and/or publications for consideration by the Patent and Trademark Office in regard to the invention claimed in the above-described application. In compliance with §1.56, such documents are listed in the enclosed Form PTO-1449.

Applicants request that the Patent and Trademark Office make of record the above-identified documents. Unless otherwise indicated, a full text copy of each document is attached. For documents not in English, an English translation or an equivalent English language patent or publication is attached. Where a translation is not available, a concise explanation of the relevance of each document not in English is included either here or in the specification.

This Information Disclosure Statement is submitted according to the following selected paragraph:

- I. This Statement is being filed under §1.97(b) within three months of the filing date of the application (other than a CPA), or before the first Office action on the merits or before mailing of a first Office action after the filing of a request for continued examination.
- II. This Statement is being filed under §1.97(c), with fee, **prior** to either a final action, a notice of allowance or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Order Account Number 05-0225. A duplicate copy of this Statement is enclosed.

III. This Statement is being filed under §1.97(c), with a statement under, §1.97(e) prior to either a final action, a notice of allowance or an action that otherwise closes prosecution in the application. The undersigned hereby states that (check one):

each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification statement under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

IV. This Statement is being filed under §1.97(d), with fee and statement under §1.97(e), on or after the mailing date of either a final action, a notice of allowance (but prior to payment of the issue fee) or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Order Account No. 05-0225. A duplicate copy of this Statement is enclosed. The undersigned hereby states that (check one):

each item of information in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification Statement under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

Respectfully submitted,

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Enclosures

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If AFTER the later date of the first Office Action
or 3 months from filing, use only with Rule 97(E)
Certificate or Fee

Applicant:
Mridula Nair, et al

10/00645
11/13/01
U.S. PTO

LIST OF ART CITED BY APPLICANT

(Use several sheets if necessary)

Filing Date

Group

U.S. PATENT DOCUMENTS

Examiner Initials*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,739,007	04/19/88	Okada et al.			
	4,810,734	05/07/89	Kawasumi et al.			
	4,894,411	01/16/90	Okada et al.			
	5,102,948	04/07/92	Deguchi et al.			
	5,164,440	11/17/92	Deguchi et al.			
	5,164,460	11/17/92	Yano et al.			
	5,248,720	09/28/93	Deguchi et al.			
	5,385,776	01/31/95	Maxfield et al.			
	5,514,734	05/07/96	Maxfield et al.			
	5,552,469	09/03/96	Beall et al.			
	5,578,672	11/26/96	Beall et al.			
	5,698,624	12/16/97	Beall et al.			
	5,721,306	02/24/98	Tsipursky et al.			
	5,747,560	05/05/98	Christiani et al.			
	5,804,613	09/08/98	Beall et al.			
	5,830,528	11/03/98	Beall et al.			
	5,880,197	03/09/99	Beall et al.			
	5,973,053	10/26/99	Usuki et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	3-062846	03/18/91	JP			X
	7-166036	06/27/95	JP			X
	8-073710	03/19/96	JP			X
	8-120071	05/14/96	JP			X
	93/04118	03/04/93	WO			X
	98/29499	07/09/98	WO			X

OTHER ART (including Author, Title, Date, Pertinent Pages, Etc.)

Ed. T.J. Pinnavia and G.W. Beall, John Wiley & Sons, Ltd. Publishers, <i>Polmer-Clay Nanocomposites</i> , 2000
H. van Olphen, John Wiley & Sons, Ltd. Publishers, <i>An Introduction To Clay Colloid Chemistry</i> , 1963, 1977
Co-pending USSN 09/_____, Dontula et al., <i>Ethoxylated Alcohol Intercalated Smectite Materials</i> (D-82056)
Co-pending USSN 09/_____, Majumdar et al., <i>Smectite Clay Intercalated With Polyether Block Polyamide Copolymer</i> (D-82857)
Co-pending USSN 09/_____, Dontula et al., <i>Article Utilizing Block Copolymer Intercalated Clay</i> (D-82859)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.